

Appendix D-23

Detailed Test Procedures for Sub-test II-23 Advanced Defense Integrated Management Support System (ADIMSS)

The test network configuration report form will depict the test configuration for each iteration of this Sub-Test. Refer to the *Defense Switched Network ADIMSS System Description* paragraph 2.4 for ADIMSS telemetry network interface requirements. Connect ADIMSS to each node under test and document the interface, interface equipment, and software version used to configure the telemetry interface.

D-23.1 Performance Management (Criteria II-23.2.a) JIEO Technical Report 8249 Paragraph 2.1.10

Five analog instruments are required on the Originating Node (ON), (ONA, ONB, ONC, OND, ONE). Five analog instruments are required on the Destination Node (DN), (DNA, DNB, DNC, DND, DNE).

Logon to the Network Administrator workstation.	Main Theater Display accessed	Y/N	Comments:
Set the poll period for 15 minutes.	Poll period set to 15 min	Y/N	
Place five calls from ONA to DNA, stay off hook for 15 sec, and go on hook.	All calls complete	Y/N	
Place five calls from DNA to ONA, stay off hook for 15 sec, and go on hook.	All calls complete	Y/N	
Place a call from ONA to DNA.	Calls complete	Y/N	
Place a call from ONB to DNB.	Calls complete	Y/N	
Place a call from ONC to DNC.	Calls complete	Y/N	
Place a call from OND to DND.	Calls complete	Y/N	
Place a call from ONE to DNE.	Calls complete	Y/N	
Select Utilities and manually poll the system.	Record current date: __/__/__ Record poll time: __:__:__		
Return to the Main Display.			

D-23.1 Performance Management (continued)

Select the top part of the Originating Node icon. Select Switch Trending Data from the pop-up menu. Print the Switch Trending Data report.	Verify completed call traffic register contains a value of 10 Y/N Verify call in progress traffic register contains a value of 5 Y/N Verify traffic registers contain call data for the 5 calls in progress Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIME_OF_DAY field contains the recorded poll time Y/N Verify the POLL_DURATION field contains 15 min Y/N	Comments:
Return to the Main Display.		
Select the top part of the Destination Node icon. Select Switch Trending Data from the pop-up menu. Print the Switch Trending Data report.	Verify completed call traffic register contains a value of 10 Y/N Verify call in progress traffic register contains a value of 5 Y/N Verify traffic registers contain call data for the 5 calls in progress Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIME_OF_DAY field contains the recorded poll time Y/N Verify the POLL_DURATION field contains 15 min Y/N	
Place all instruments on hook. Return to the Main Display.		
Manually break the T1 link(s) between the Originating Node and the Destination Node. Reconnect the link(s) and allow the link(s) to return to service. Manually break the T1 link(s) between the Originating Node and the Destination Node. Reconnect the link(s) and allow the link(s) to return to service. Manually break the T1 link(s) between the Originating Node and the Destination Node.		
Select Utilities and manually poll the system.	Record current date: ___/___/___ Record poll time: ___:___:___	

D-23.1 Performance Management (continued)

Select the top part of the Originating Node icon. Select Trunk All Data from the pop-up menu. Print the Trunk All Data report.	Verify trunk failure register contains a value of 3 Y/N Verify trunk registers contain trunk statistics for the current trunk failure Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIME_OF_DAY field contains the recorded poll time Y/N	Comments:
Return to the Main Display.		
Select the top part of the Destination Node icon. Select Trunk All Data from the pop-up menu. Print the Trunk All Data report.	Verify trunk failure register contains a value of 3 Y/N Verify trunk registers contain trunk statistics for the current trunk failure Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIME_OF_DAY field contains the recorded poll time Y/N	
Reconnect the link(s) and allow the link(s) to return to service. Return to the Main Display.		

D-23.2 Fault Management (Criteria II-23.2.b) JIEO Technical Report 8249 Paragraph 2.1.10

Manually remove the active processor on the Originating Node from service to force the Node to switch processor activity	Record current date: ____/____/____ Record processor removal time: ____:____:____	
Select the bottom right part of the Originating Node icon. Select Active Alarms from the pop-up menu. Print the Alarm report.	Verify alarm messages for the 3 trunk alarms Y/N Verify alarm message for the processor removal from service Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIMESTAMP field contains the processor removal time Y/N	
Return to the Main Display.		
Manually remove the active processor on the Destination Node from service to force the Node to switch processor activity	Record current date: ____/____/____ Record processor removal time: ____:____:____	

D-23.2 Fault Management (continued)

Select the bottom right part of the Destination Node icon. Select Active Alarms from the pop-up menu. Print the Alarm report.	Verify alarm messages for the 3 trunk alarms Y/N Verify alarm message for the processor removal from service Y/N Verify TIMESTAMP field contains the current date Y/N Verify TIMESTAMP field contains the processor removal time Y/N	Comments:
Return to the Main Display.		

D-23.3 Configuration Management (Criteria II-23.2.c) JIEO Technical Report 8249 Paragraph 2.1.10

Ctrl-click on the Originating Node icon.	Maintenance Access Faculty Emulator window accessed Y/N	
Logon to the Originating Node using the correct ID/password.	Logon successful Y/N	
Logoff the Originating Node.		
Ctrl-click on the Destination Node icon.	Maintenance Access Faculty Emulator window accessed Y/N	
Logon to the Destination Node using the correct ID/password.	Logon successful Y/N	
Logoff the Destination Node.		

D-23.4 Accounting Management (Criteria II-23.2.d) JIEO Technical Report 8249 Paragraph 2.1.10

To Be Determined.

D-23.5 Security Management (Criteria II-23.2.e) JIEO Technical Report 8249 Paragraph 2.1.10

Ctrl-click on the Originating Node icon.	Maintenance Access Faculty Emulator window accessed Y/N	
Logon to the Originating Node using an incorrect ID/password.	Logon non-authenticated Y/N	

D-23.5 Security Management (continued)

Logon to the Originating Node using the correct ID/password.	Logon authenticated Information message displayed containing unsuccessful logon attempt	Y/N Y/N	Comments:
Logoff the Originating Node.			
Ctrl-click on the Destination Node icon.	Maintenance Access Faculty Emulator window accessed	Y/N	
Logon to the Destination Node using an incorrect ID/password.	Logon non-authenticated	Y/N	
Logon to the Destination Node using the correct ID/password.	Logon authenticated Information message displayed containing unsuccessful logon attempt	Y/N Y/N	
Logoff the Destination Node. Logoff the Network Administrator workstation.			